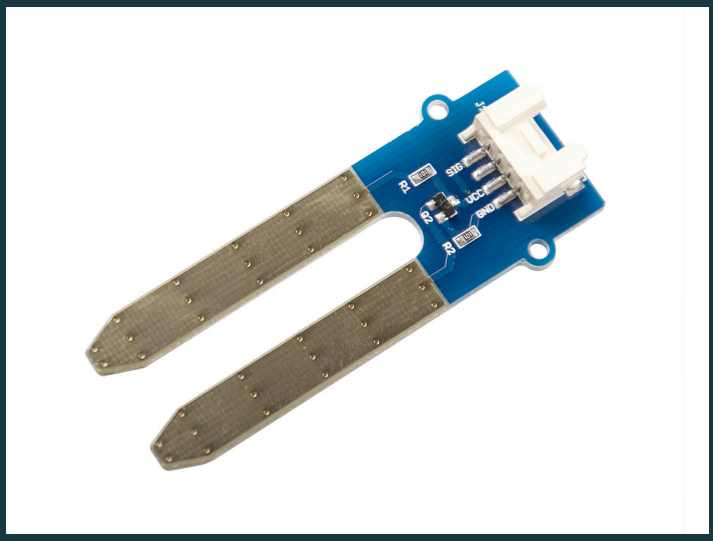
seeed studio

INDUSTRIAL PRODUCT DATASHEET

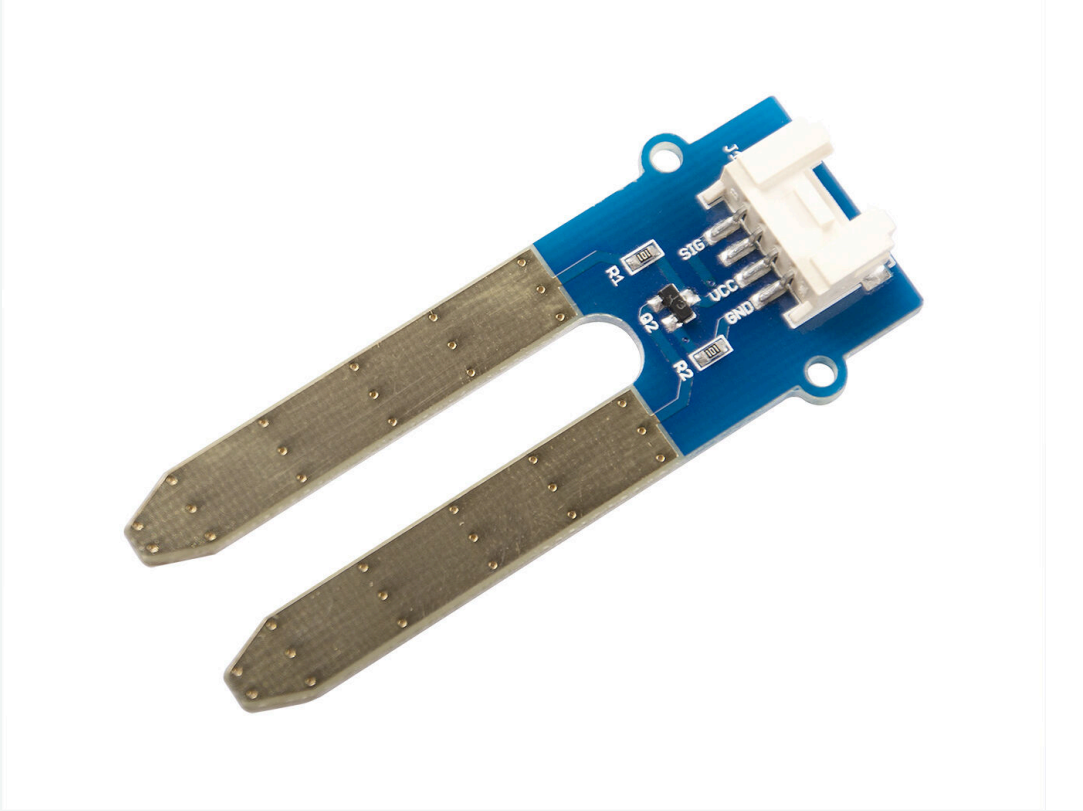
Grove - Soil Moisture Sensor

The Grove - Soil Moisture Sensor is a cost-effective, plug-and-play tool for effective soil moisture measurement in botanical gardening and IoT projects.

SKU	UPDATED	PRICE
101020008	2026-05-14 02:41:17	$3.30(Excl. VAT)



Overview

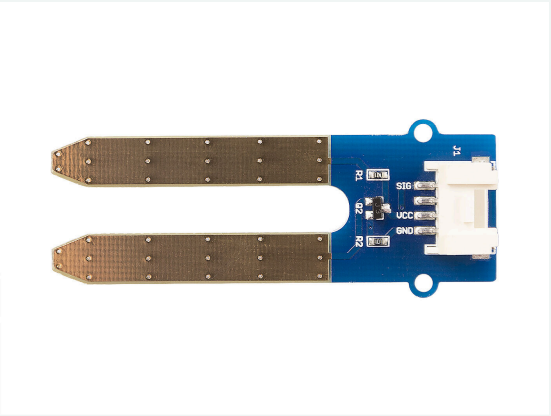


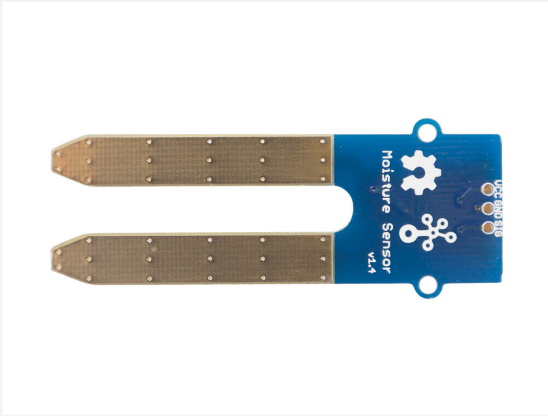
The Grove - Soil Moisture Sensor is a cost-effective, plug-and-play tool that measures soil moisture via resistivity, featuring a Grove-compatible interface and large probe pads. It is starter-friendly with detailed tutorials and resources, suitable for applications like botanical gardening, moisture sensoring, and consistency measurement.

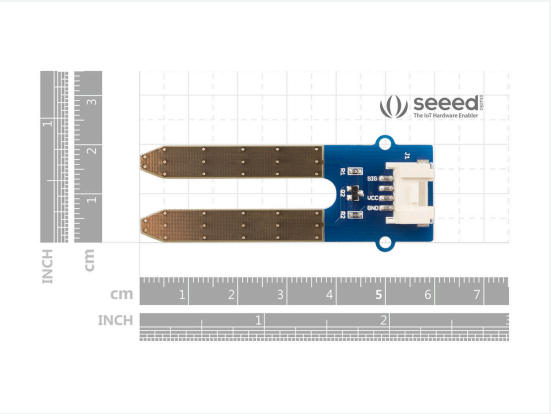
Key Features

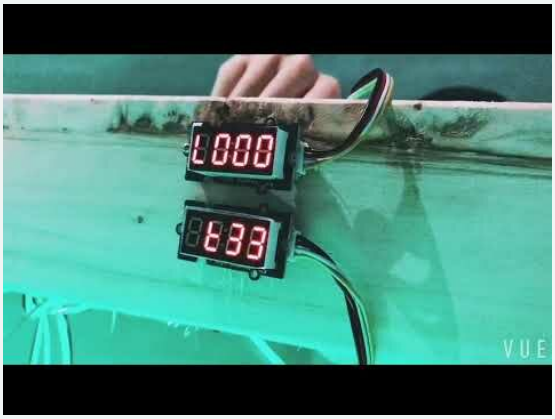
- **Cost-effective:** Great for students, makers and IoT developers as DIY and prototype design.
- **Plug-and-play:** Grove compatible interface(data transmit) and two large pads function as probes(data collecting).
- **Starter-friendly:** Detail start-up tutorials, abundant resources, and projects provided in Wiki and Community.
- **Effective measurement:** Based on soil resistivity measurement, high moisture resulting lower resistance and vice versa.

Product Gallery









Applications

- **Botanical Gardening**
- **Moisture Sensoring**
- **Consistency Measurement**

Part List

Grove - Moisture Sensor	1
Grove Cable	1

Compliance & Logistics



HSCODE	9025900090
USHSCODE	9027894590
UPC	841454107941
EUHSCODE	9013101000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Moisture-Sensor.html
- Grove - Moisture Sensor v1.4 Schematic
- CDC File

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com